MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LIBRARY
SEP 11 1931
WEATHER BUREAU

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

MAY, 1931

J. A. BROWN, DIRECTOR

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MAY 1931
METEOROLOGICAL REGISTER

Date	Barometer reduced to °oC Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	60.2	59.7	59.5	59.8	23.2	17.1	19.9	22.2	18.7	20.3
2	0.4	60.0	9.9	60.1	22.7	17.4	19.8	21.7	17.8	19.8
3	59.9	59.8	9.7	59.8	23.8	14.3	20.1	22.2	18.2	20.2
4	60.0	9.6	9.2	9.6	23.8	15.1	20.6	23.2	18.5	20.8
5	59.0	8.2	7.0	8.1	24.3	16.4	21.2	23.7	20.0	21.6
6	58.9	58.5	59.0	58.8	24.9	18.4	22.2	24.2	19.3	21.9
7	9.6	60.1	9.5	9.7	23.2	16.3	21.6	21.0	18.8	20.5
8	9.0	58.6	8.7	8.8	25.6	17.1	23.8	24.4	19.0	22.4
9	9.8	9.6	9.8	9.7	25.6	16.7	22.1	24.5	18.7	21.8
10	60.3	60.5	60.1	60.3	25.5	15.8	22.1	24.9	19.1	22.0
11	59.3	58.4	57.5	58.4	24.3	15.8	21.0	22.0	20.6	21.2
12	5.4	5.2	8.6	6.4	28.1	16.8	24.8	25.1	20.1	23.3
13	61.2	61.3	61.5	61.3	25.2	19.6	21.4	24.3	19.2	21.6
14	2.2	1.2	1.2	1.5	24.5	16.7	22.0	23.9	18.7	21.5
15	1.3	1.0	1.0	1.1	23.4	16.7	18.3	22.8	18.4	19.8
16	62.4	62.9	62.4	62.6	24.1	16.8	21.1	23.4	17.8	20.4
17	2.2	3.1	3.4	2.9	24.3	15.2	21.2	23.4	18.3	21.0
18	3.3	2.8	1.8	2.6	24.8	16.1	21.7	24.0	19.2	21.6
19	1.1	0.7	60.1	0.6	25.6	16.7	21.8	24.3	20.3	22.1
20	0.4	0.3	59.8	0.2	26.2	18.6	23.7	24.8	21.4	23.3
21	60.5	59.9	60.0	60.1	27.4	18.2	24.0	24.8	21.1	23.3
22	58.9	8.0	57.1	58.0	28.3	19.8	23.7	26.4	24.3	24.8
23	5.6	4.5	3.4	4.5	34.3	22.8	27.5	33.6	27.2	29.4
24	6.4	3.9	3.6	4.6	30.3	22.3	25.4	28.7	23.1	25.7
25	6.4	7.2	7.2	6.9	27.8	21.1	24.0	27.1	21.1	24.1
26	57.9	58.3	58.0	58.1	26.8	18.6	23.2	26.1	20.9	23.4
27	7.7	6.4	4.5	6.2	30.9	19.4	25.4	26.5	22.9	24.9
28	6.2	6.6	6.7	6.5	28.2	20.7	24.8	27.1	21.1	24.3
29	7.4	7.4	7.4	7.4	26.7	18.8	24.4	26.1	21.5	24.0
30	8.3	9.2	60.0	9.2	27.1	18.7	24.2	26.6	21.4	24.1
31	61.4	61.9	0.6	61.3	28.3	18.9	24.8	27.6	22.7	25 0
	59.45	59.18	58.97	59.20	26.10	19.78	22.64	24.85	20.30	22.58

Barometer, Range for month 753.4-763.4 m.m.

„ 50-yr. average for month 759.6

Thermometer, Range for month 14.°3-34.3°

, 50-yr. average for month 22.19

Rain, total for month 4.88 m.m.

„ , 50-yr average for month 20.83 m.m.

„ , total Sept. 1st to end of month 871.92 m.m.

„ ,50-yr. average, Sept. 1st to end of month. 902.73 m.m

MAY 1931

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	17.2	18.8	16.7	12.7	13.8	12.7	13.1	73	69	79	74	6.0	
2	17.1	17.8	15.4	12.8	12.5	11.5	12.3	74	65	76	72	4.5	
3	16.6	18.3	16.3	11.8	13.0	12.5	12.4	67	65	81	71	9.4	
4	18.1	19.4	17.1	13.5	14.1	13.4	13.7	76	67	85	76	9.6	
5	18.2	20.9	18.6	13.5	16.2	14.9	14.9	72	74	86	77	10.8	
6	19.9	20.9	18.2	15.6	16.0	14.7	15.4	79	71	88	79	11.0	
7	18.8	19.3	17.8	14.2	15.4	14.5	14.7	74	83	90	82	6.0	
8	20.4	20.6	16.7	15.3	15.3	12.5	14.4	70	67	77	71	9.6	
9	18.8	20.4	17.3	13.9	14.8	13.7	14.1	70	66	86	74	12.1	
10	18.8	20.8	17.6	13.9	15.2	13.9	14.3	70	65	84	73	11.5	
11	18.7	19.2	18.9	14.4	14.5	14.9	14.6	78	74	83	78	2.6	
12	19.2	20.6	18.6	12.9	14.8	14.8	14.2	56	62	84	67	7.2	1.64
13	17.9	19.6	17.0	12.9	13.7	12.9	13.2	68	61	78	69	11.0	
14	18.2	18.9	16.5	12.9	12.9	12.4	12.7	66	58	78	67	10.9	
15	16.1	18.2	16.3	12.1	12.5	12.4	12.3	78	61	79	73	8.8	2.84
16	18.3	18.8	15.9	13.6	13.2	12.2	13.0	73	62	81	72	11.2	0.40
17	17.9	19.4	16.9	13.0	14.0	13.4	13.5	69	66	86	74	12.3	
18	18.7	20.3	17.9	13.8	15.0	14.4	14.4	71	67	87	75	12.3	
19	19.6	20.4	18.7	15.2	15.1	14.9	15.1	78	67	84	76	12.1	
20	19.5	21.3	17.6	13.9	16.1	12.4	14.1	63	69	66	66	11.8	
21	20.1	21.5	19.7	14.6	16.5	15.9	15.7	65	71	85	74	12.2	
22	21.6	23.3	22.1	17.4	18.6	17.9	18.0	79	73	80	77	12.2	
23	22.6	22.3	21.1	16.7	12.9	14.4	14.7	61	33	53	49	9.1	
24	22.3	22.9	21.4	17.6	16.4	17.7	17.2	73	56	84	71	11.0	
25	22.2	23.1	20.4	18.1	17.8	17.3	17.7	79	67	93	80	12.0	
26	20.9	21.8	19.1	16.6	16.1	15.0	15.9	79	64	81	75	11.2	
27	20.4	21.9	18.9	14.3	16.1	13.5	14.6	60	62	65	62	13.0	
28	21.7	23.4	20.1	16.8	18.5	16.7	17.3	72	70	90	77	12.8	
29	21.2	21.2	18.9	16.2	15.2	14.3	15.2	71	60	74	68	12.2	
30	20.4	21.5	19.8	15.0	17.9	15.9	16.3	67	60	83	70	12.8	
31	21.6	22.3	19.6	16.7	16.1	14.6	15.8	72	59	71	67	12.3	
	19.45	20.62	18.29	14.58	15.17	14.26	14.67	71.0	64.9	80.5	72.1	10.18	0.15

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

MAY 1931

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1cu	1ci	8st	3.3	2n	1n	0	131.9	light	
2	1st	8st	4st	4.3	2sw	0	1sw	156.0	„	
3	0	0	5st	1.7	0	1sw	0	243.8	„	
4	2cu	0	0	0.7	0	0	2n	103.8	„	
5	1st	4st	5st	3.3	0	1nw	1n	94.3	calm	
6	1cu	1cu	1cu	1.0	0	0	1n	177.5	light	
7	8st	9st	4st	7.0	0	0	0	109.7	calm	
8	4stcu	0	1cu	1.7	0	1sw	0	60.3	„	
9	1cicu	0	0	0.3	1sw	1w	0	262.2	„	
10	0	0	0	0.0	1w	1w	0	136 3	„	
11	10st	10st	5st	8.3	1n	1n	0	83.7	stormy	
12	1st	10ni	8st	6.3	0	1sw	3s	350.8	light	
13	2st	4st	4st	3.3	2sw	2sw	2sw	652.8	stormy	
14	1stcu	1stcu	8stcu	3.3	1w	2sw	2sw	527.7	„	
15	10ni	4stcu	6stcu	6.7	1sw	2w	2sw	539.6	„	
16	1cu	3stcu	2stcu	2.0	1sw	2w	0	391.3	„	
17	0	2st	0	0.7	0	1sw	0	290.7	light	
18	0	0	0	0.0	0	0	0	119.3	calm	
19	0	0	0	0.0	0	1n	2n	38.3	„	
20	0	0	0	0.0	1n	1n	1n	129.5	stormy	
21	0	0	0	0.0	0	1n	0	94.8	calm	
22	0	5ci	5ci	3.3	0	0	2sw	47.2	„	mist a.m.
23	8ci	8ci	6ci	7.3	0	1s	3s	109.7	light	sirocco
24	5st	0	0	1.7	1w	2w	1w	654.7	stormy	sirocco
25	2st	1st	0	1.0	1w	0	0	583.9	light	
26	0	0	0	0.0	1w	0	0	54.6	calm	
27	1st	0	8stcu	3.0	0	1n	2n	85.6	light	tr. rain
28	0	1cu	2cu	1.0	0	1n	0	112.6	slight	
29	1stcu	0	8stcu	3.0	1w	1sw	0	176.9	calm	
30	1cu	1cu	2cu	1.3	1w	1w	0	170.4	light	
31	2stcu	2st	3stcu	2.3	0 18	0 27	0 25	16 9	calm	
				2.51	0.6	0.9	0.8	216.82		

NUMBER OF DAILY WIND OBSERVATIONS (1 2 2)

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	3	0	0	0	0	5	7	0	16
14:30	7	0	0	0	1	7	6	1	9
20.30	6	0	0	0	2	5	1	0	17
Totals	16	0	0	0	3	17	14	1	42

Number of days with rain 3, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 3.2